

FIG. 1

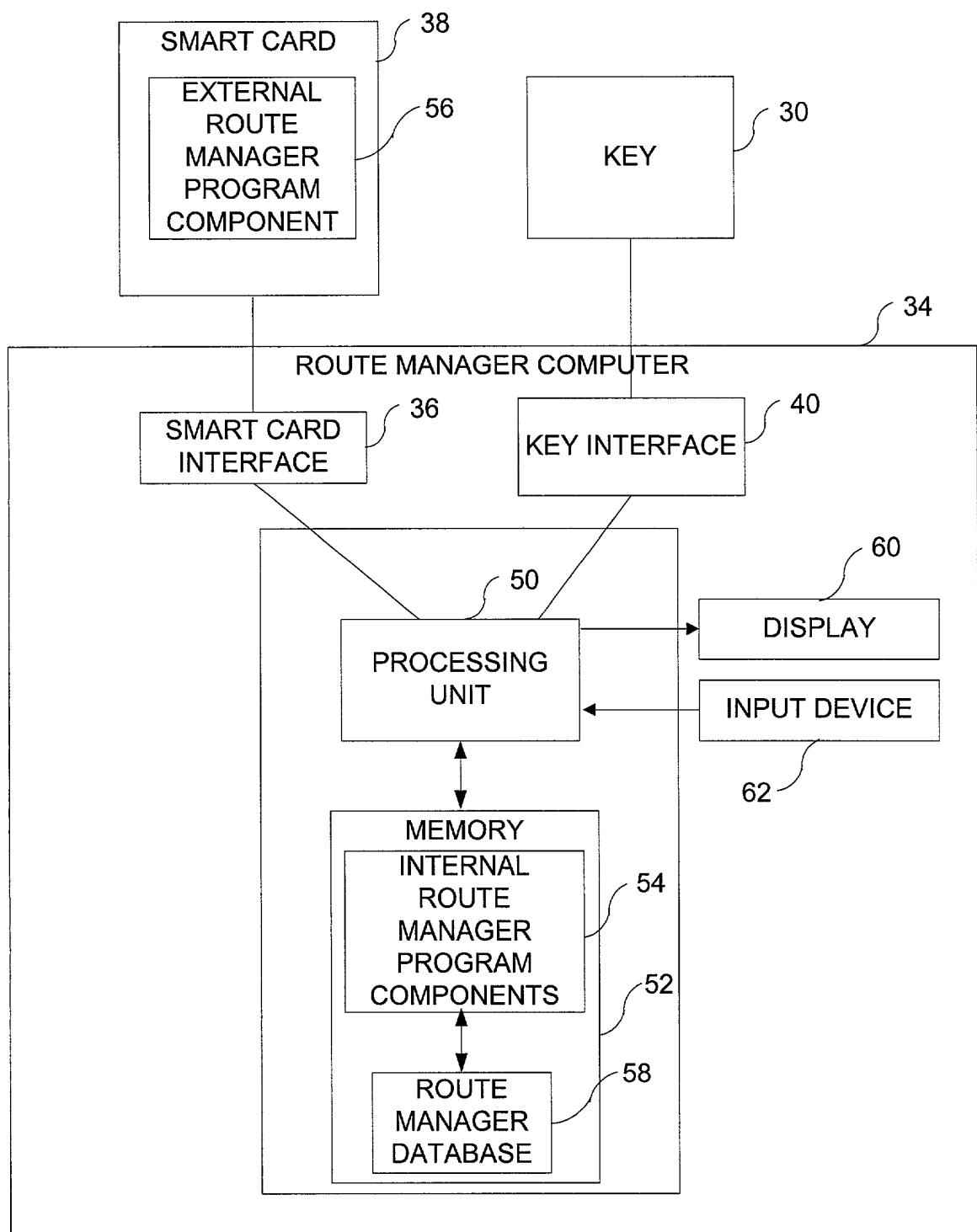


FIG. 2

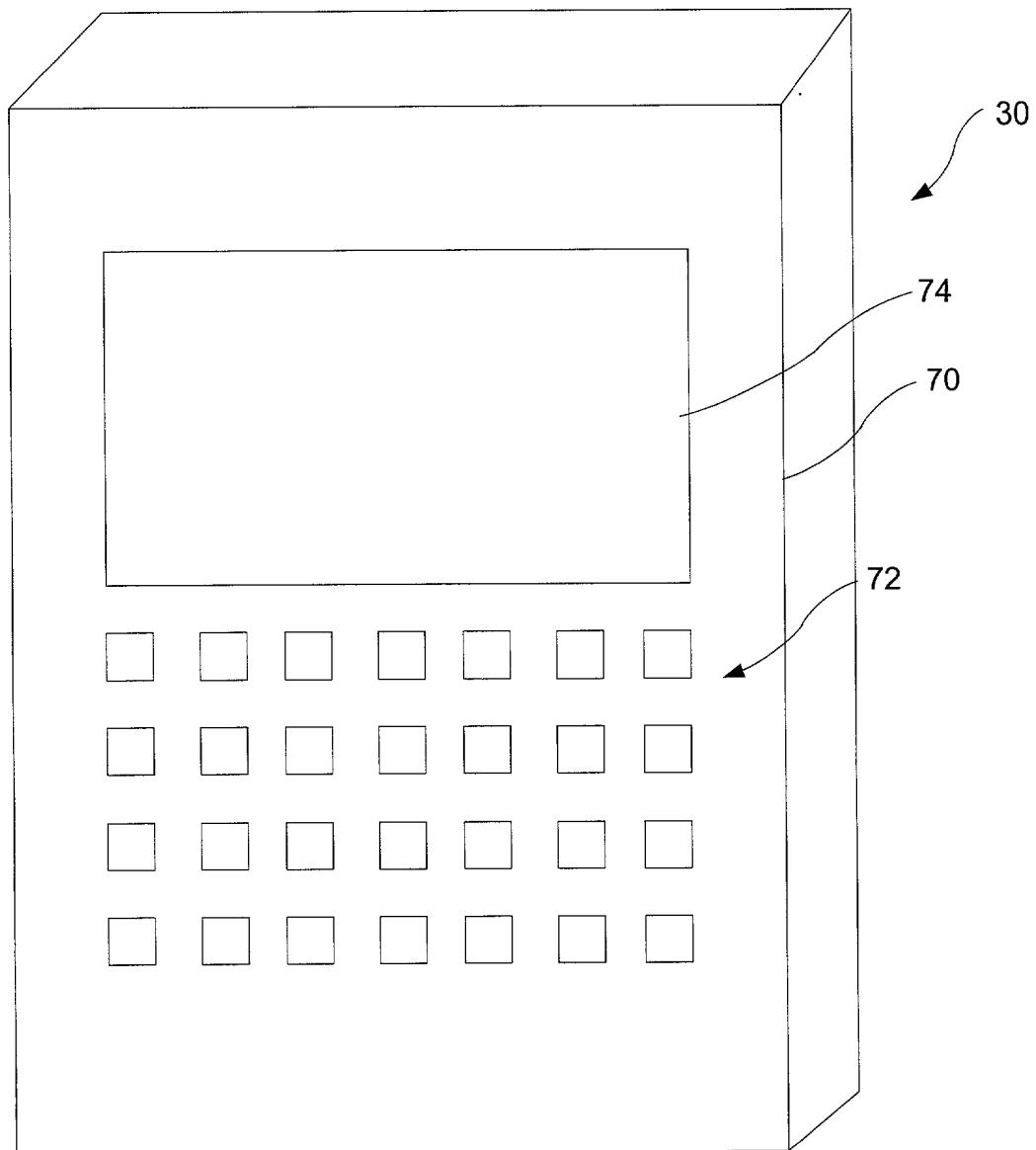


FIG. 3

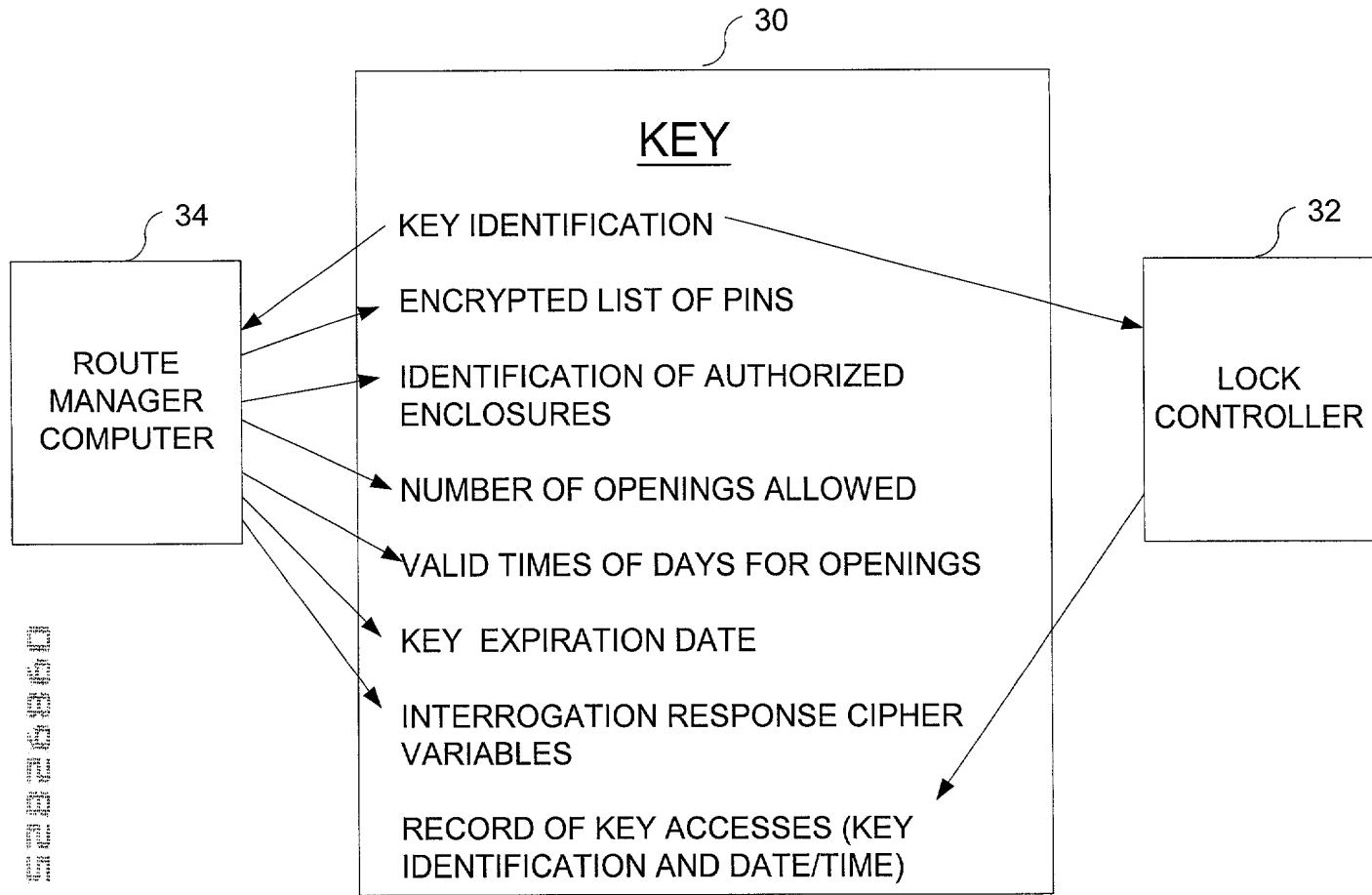


FIG. 4

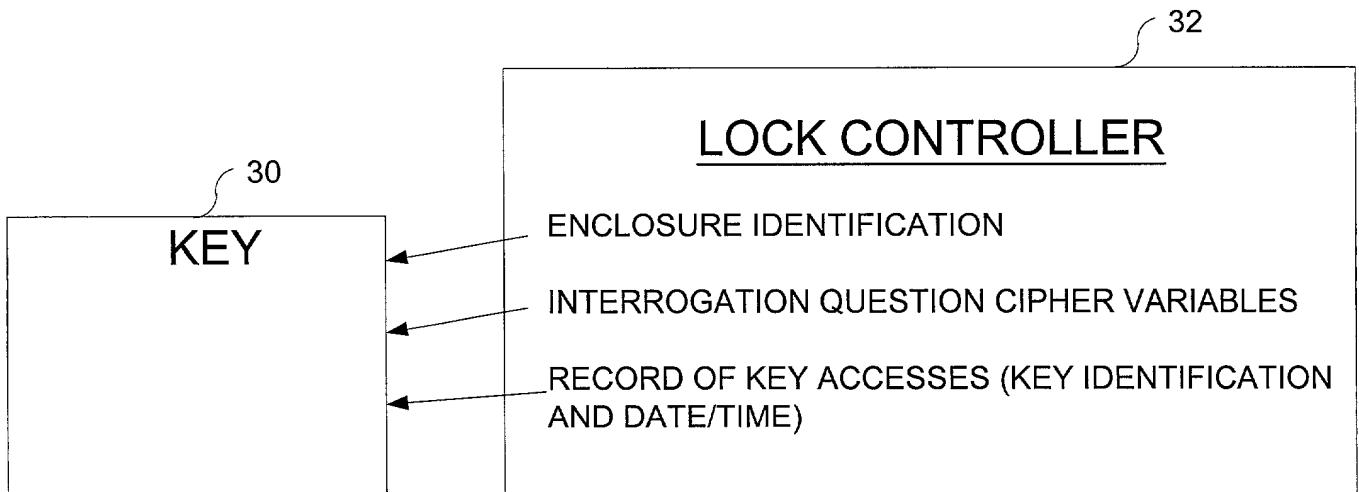


FIG. 5

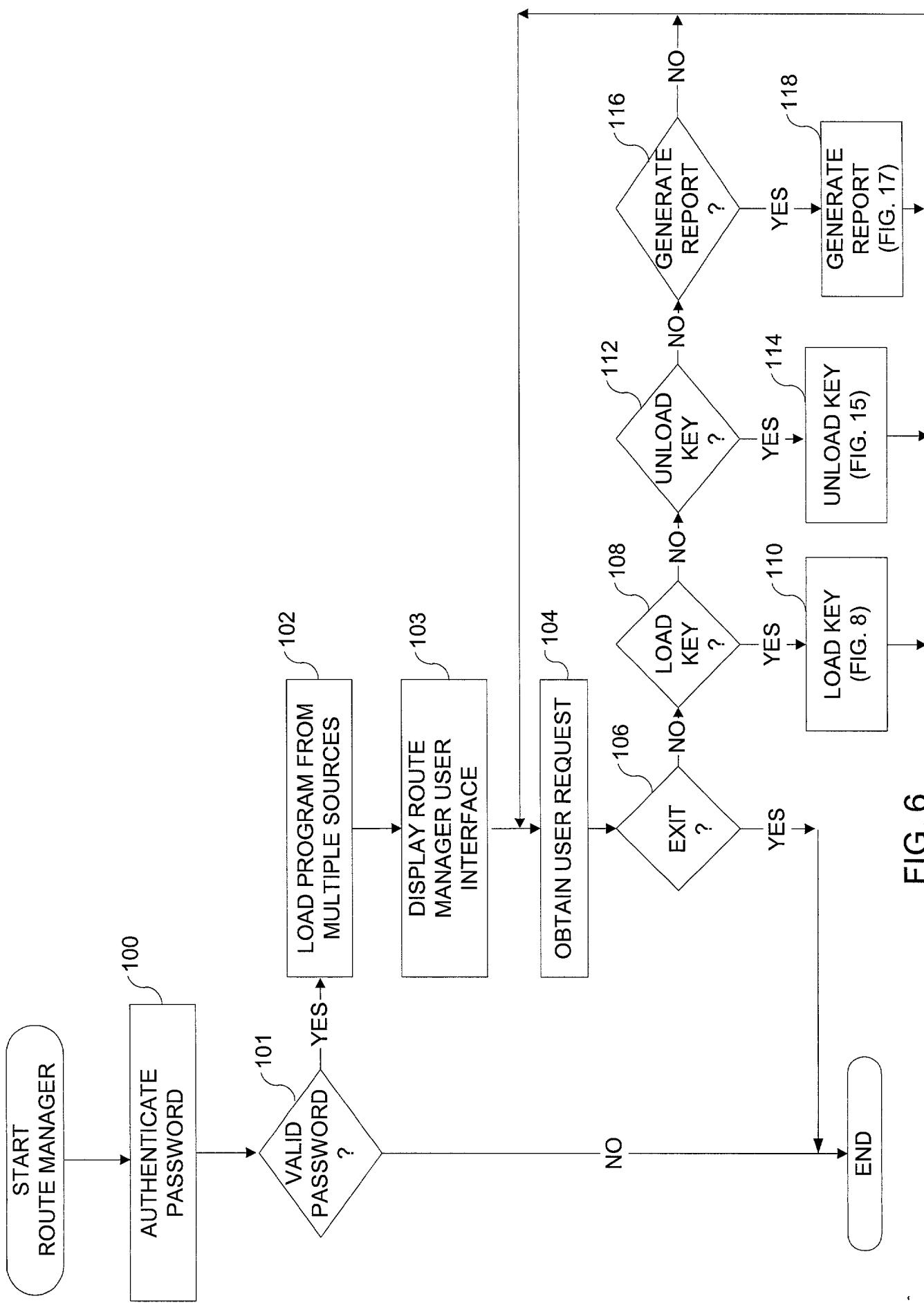


FIG. 6

ROUTE MANAGER PROGRAM

FILE DATABASE CONFIGURATION REPORTS HELP

LOAD

UNLOAD

REPORTS

HELP

EXIT

01/01/2000

FIG. 7

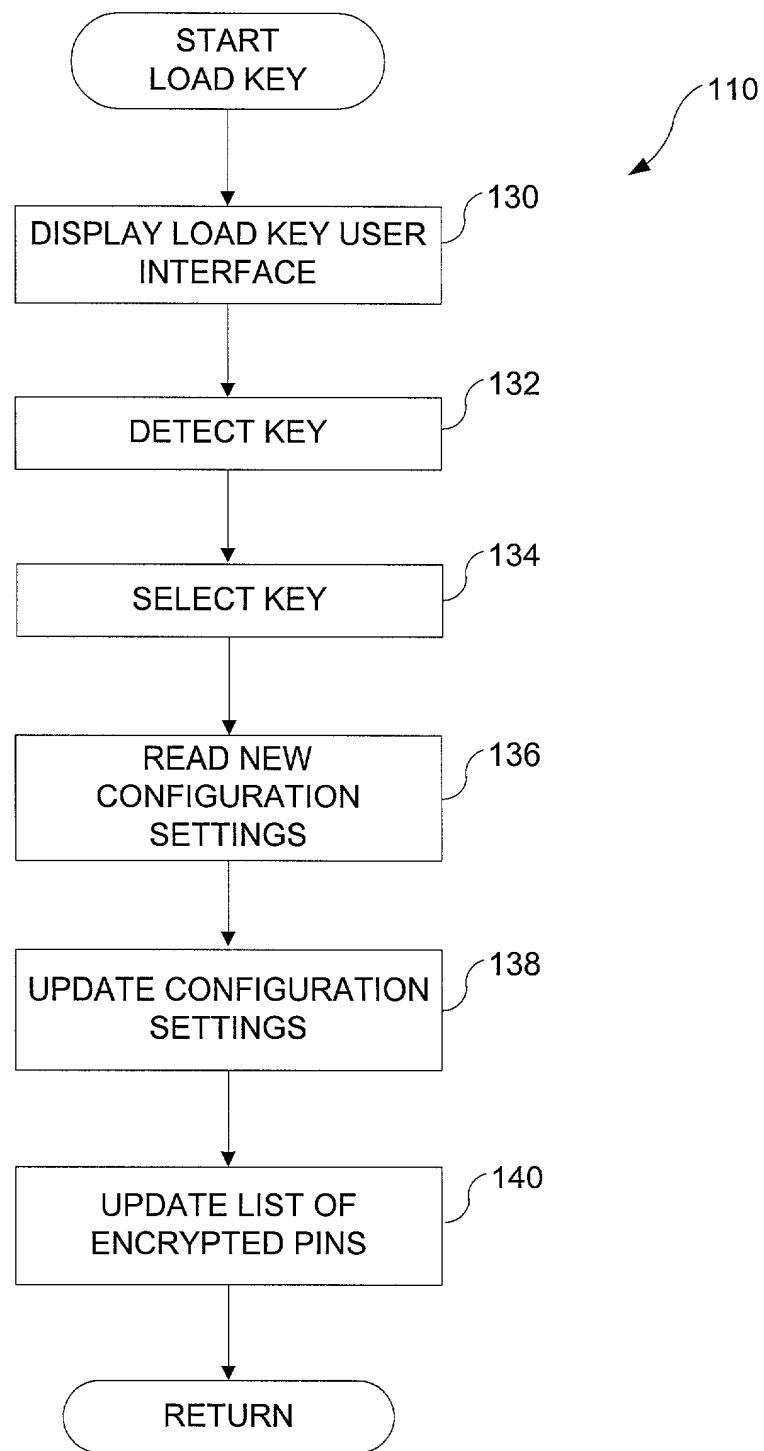


FIG. 8

LOAD KEYS

KEY ID NUMBERS	ROUTE NUMBERS	EMPLOYEE NAME AND NUMBER	KEY ACCESS TIME
K0001	R0001	JOHN SMITH - E0001	START TIME 6AM <input type="button" value="▼"/>
K0002	R0002	JANE DOE - E0002	STOP TIME 6PM <input type="button" value="▼"/>
K0003	R0003	JIM JONES - E0003	
K0004	R0004	JOHN DOE - E0004	
K0005	R0005		
K0006	R0006		
K0007	R0007		
K0008	R0008		
K0009	R0009		
K0010	R0010		

NUMBER OF USES

KEY EXPIRATION

FIG. 9

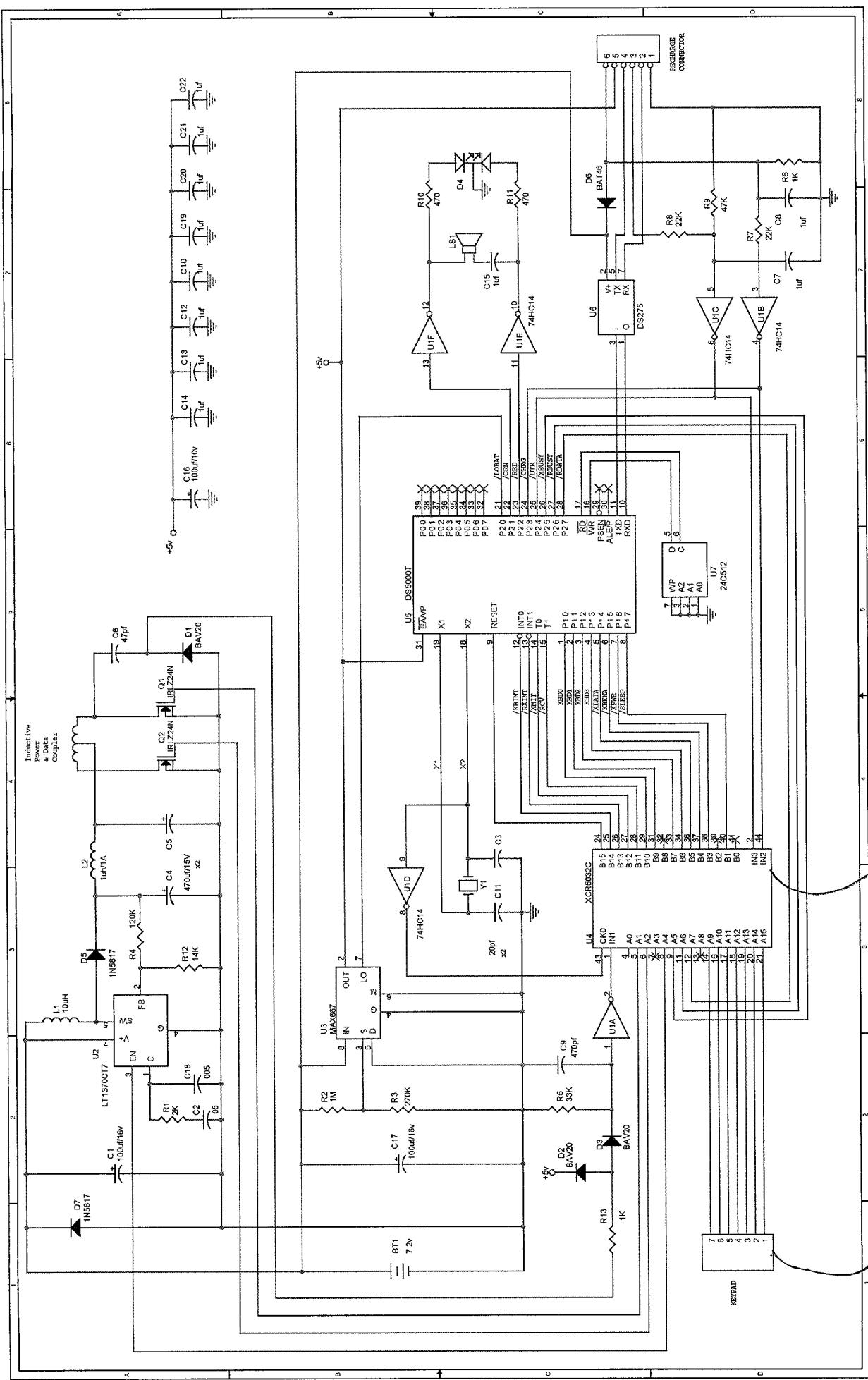


Fig. 10

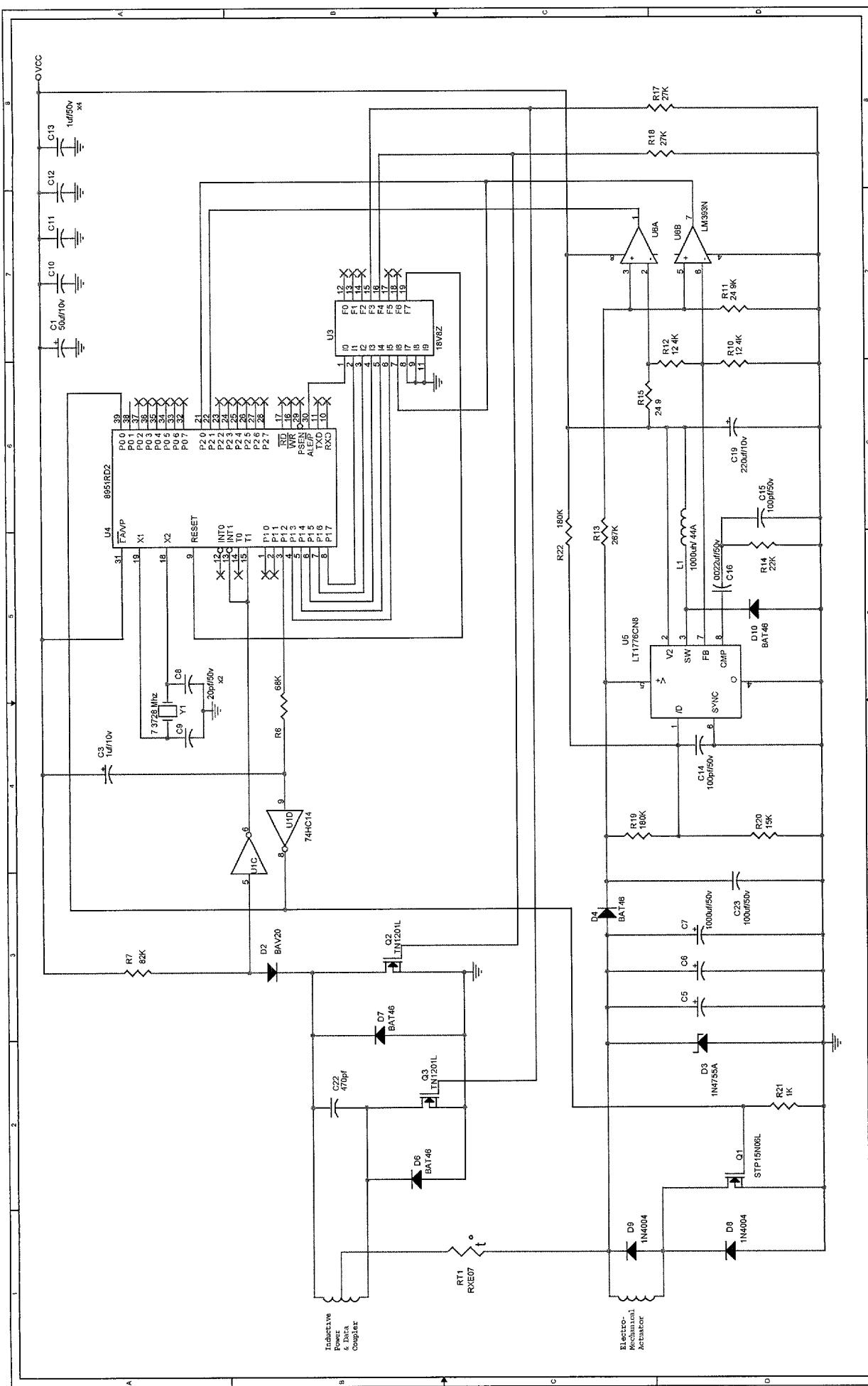
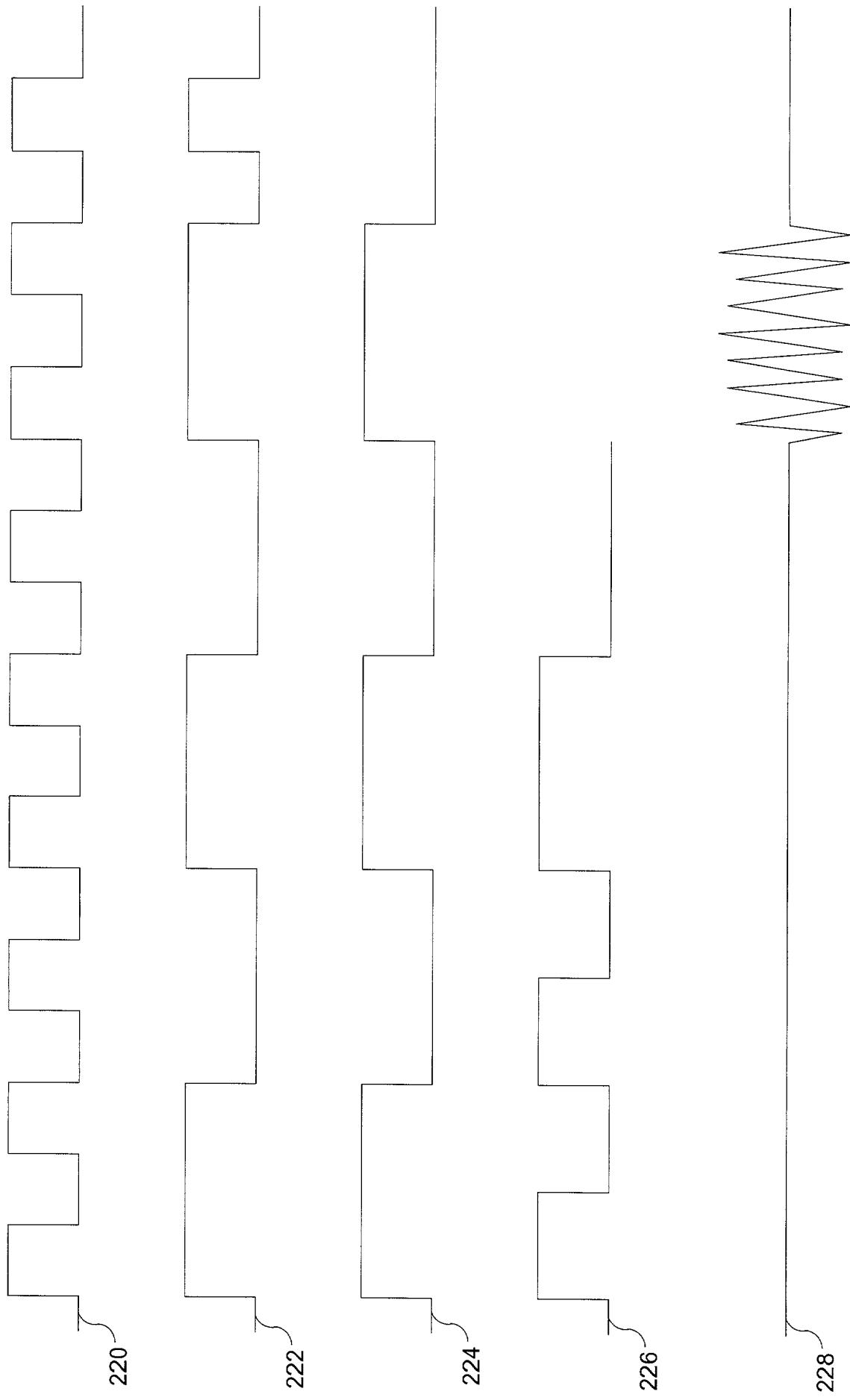


FIG. 12



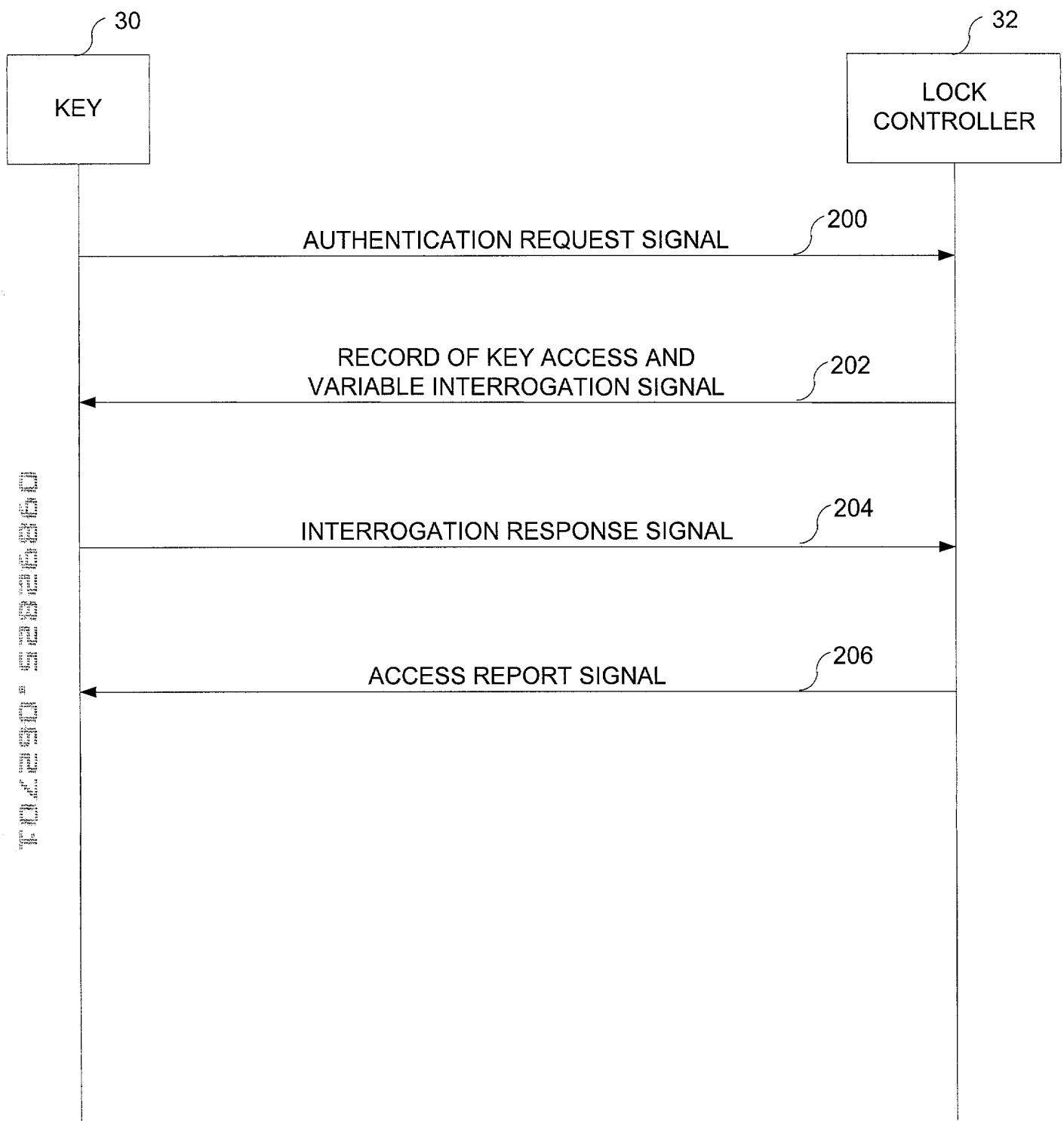
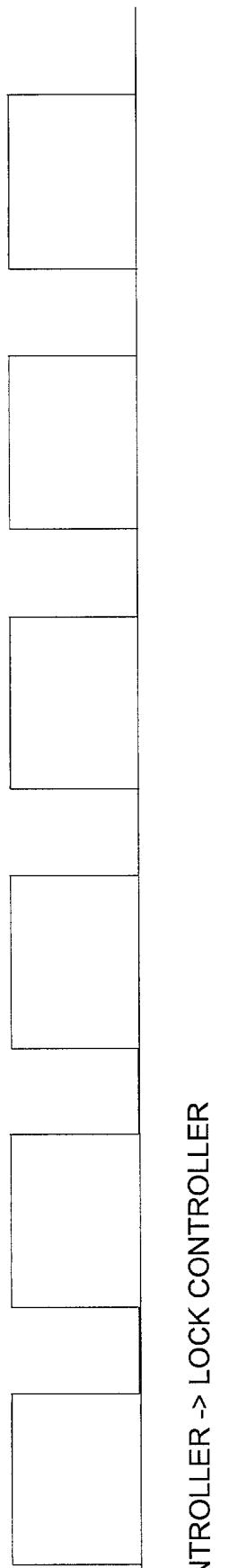


FIG. 13

POWER
KEY CONTROLLER -> LOCK CONTROLLER



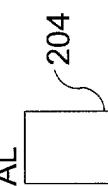
AUTHENTICATION REQUEST SIGNAL
KEY CONTROLLER -> LOCK CONTROLLER



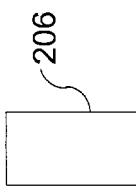
AUTHENTICATION REQUEST SIGNAL
KEY CONTROLLER -> LOCK CONTROLLER



RECORD OF KEY ACCESS AND VARIABLE INTERROGATION SIGNAL
LOCK CONTROLLER -> KEY CONTROLLER



INTERROGATION RESPONSE SIGNAL
KEY CONTROLLER -> LOCK CONTROLLER



ACCESS REPORT SIGNAL
LOCK CONTROLLER -> KEY CONTROLLER

FIG. 14

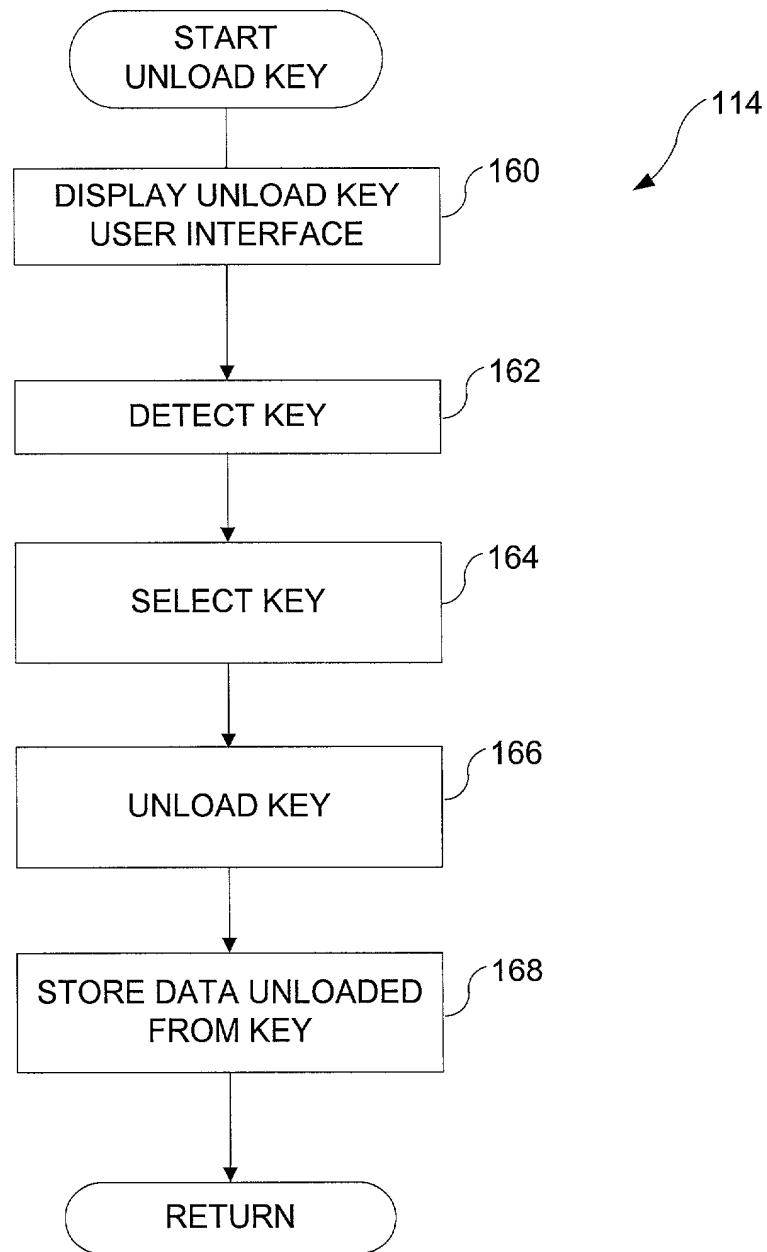


FIG. 15

UNLOAD KEYS

KEY ID
NUMBERS

K0001
K0002
K0003
K0014
K0015
K0016
K0017
K0018
K0019
K0020

UNLOADING STATUS

UNLOADING KEY K0014
150 RECORDS UNLOADED FROM KEY K0014
KEY K0014 HISTORY CLEARED

HELP

GO

CANCEL

FIG. 16

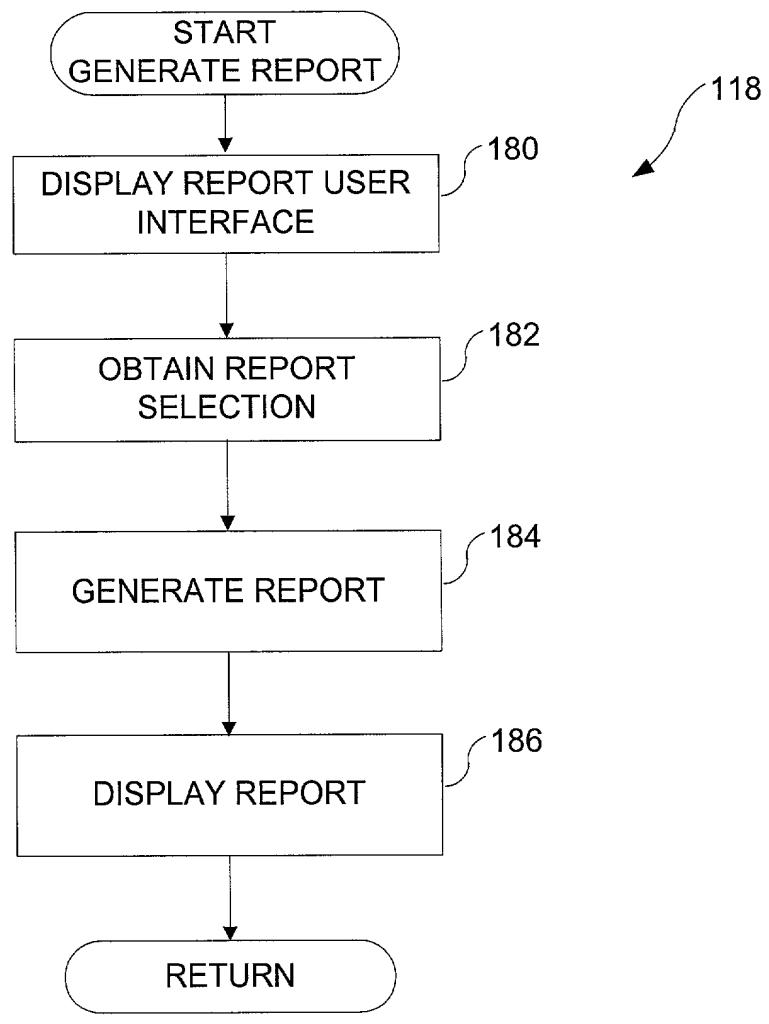


FIG. 17

REPORTS

REPORT TYPE

DETAIL BY KEY BY MACHINE BY EMPLOYEE

START DATE 

STOP DATE 

FIG. 18

REPORTS

DATE	MACHINE ASSET NUMBER	EMP. NUMBER	KEY ID	TIME
11/07/99	SC32014424	E0004	K0001	08:22:00 AM
11/08/99	SC32014424	E0004	K0001	08:22:00 AM
11/09/99	SC32014424	E0004	K0001	06:33:00 AM
11/10/99	SC32014424	E0004	K0001	03:55:00 AM
11/11/99	SC32014424	E0004	K0001	06:55:00 AM
11/07/99	SC32014425	E0003	K0002	10:33:00 AM
11/08/99	SC32014425	E0003	K0002	10:33:00 AM
11/09/99	SC32014425	E0003	K0002	05:22:00 AM
11/10/99	SC32014425	E0003	K0002	12:45:00 PM
11/11/99	SC32014425	E0003	K0002	05:22:00 AM
11/07/99	SC32014426	E0002	K0003	03:20:00 AM
11/08/99	SC32014426	E0002	K0003	09:55:00 AM
11/09/99	SC32014426	E0002	K0003	09:55:00 AM
11/10/99	SC32014426	E0002	K0003	04:55:00 AM
11/11/99	SC32014426	E0002	K0003	04:33:00 AM
11/07/99	SC32014427	E0001	K0004	06:30:00 AM
11/08/99	SC32014427	E0001	K0004	01:55:00 AM
11/09/99	SC32014427	E0001	K0004	06:47:00 AM
11/10/99	SC32014427	E0001	K0004	06:22:00 AM

CLOSE

PRINT

FIG. 19